

## Ordering Information

Style	Lamps	Length	Ballast & Voltage
<b>CL</b>	<b>1</b>		
	1 = 1-Lamp T8	2 = 2-Foot 3 = 3-Foot 4 = 4-Foot 6 = 6-Foot 8 = 8-Foot	<b>E81</b> = Electronic T8 120V <b>E82</b> = Electronic T8 277V <b>HD1</b> = PowerSpec® HDF Dimming T8 120V <b>HD2</b> = PowerSpec® HDF Dimming T8 277V

## Features

- Housing:** Die-formed 20 gauge pre-painted steel. Low profile 3-1/8" (7.94cm) in height and 8" (20.32cm) in width.
- Lamping:** One T8 fluorescent lamp: 18 watt for 2 foot, 32 watt for 4-foot and 8-foot modules, 25 watt for 3-foot and 6-foot modules. Lamps by others.
- Reflector:** Constructed of precision die-formed specular aluminum lighting sheet. Reflector is covered with a scratch resistant protective coating to prevent damage during installation.

## Electrical

Specify 120V or 277V. 3 conductor, 18 gauge wire. Color-coded quick connectors allow ease of connection for joiner modules. For special circuiting, consult factory. Rapid start, HPF, class "P" thermally protected. PowerSpec HDF dimming ballast is available. Factory installed ballast disconnect allows the ballast to be disconnected from and reconnected to incoming power under load without turning the entire circuit off.

## Labels

UL, cUL and I.B.E.W.

## Job Information

## Type:

**Job Name:**

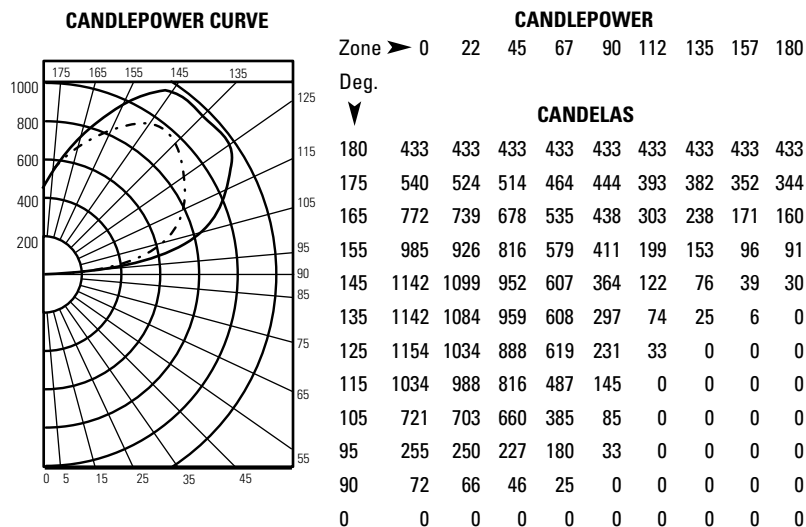
**Cat. No.:**

**Lamp(s):**

**Notes:**

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710  
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## Performance



**REPORT NO:** LRL896-1F  
**LAMP:** 1-F32T8  
**LUMENS:** 2900  
**EFFICIENCY:** 75.3%

### Distribution Summary

Zone	Lumens	% Barelamp	% Luminaire
0-90	769	0.0	0.0
90-180	2184	75.3	100.00
0-180	2184	75.3	100.00

### COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

		80			70			50		
		% WALL REFLECTANCE								
		50	30	10	50	30	10	50	30	10
ROOM CAVITY RATIO	1	62	59	57	53	51	49	36	35	34
	2	54	50	47	47	43	40	32	30	28
	3	48	43	39	41	37	34	28	26	24
	4	42	37	32	36	32	28	25	22	20
	5	37	31	27	32	27	24	22	19	17
	6	33	27	23	28	24	20	19	17	14
	7	29	24	20	25	21	17	17	15	12
	8	26	21	17	23	18	15	16	13	11
	9	24	19	15	21	16	13	14	11	9
	10	22	17	13	19	15	12	13	10	8

20% FLOOR CAVITY REFLECTANCE

## Quick Calculators and Ceiling Brightness

Readings are rounded off based on initial footcandles at center of 20-foot run of luminaires. Room reflectance is 80% ceiling, 50% wall and 20% floor.

### 1Lt, 2 Fixtures, 2 Walls, 11" (0.28m) from Ceiling

Distance From Ceiling	Distance from wall							
	0'	2'	4'	6'	8'	10'	12'	14'
	0	0.61m	1.22m	1.83m	2.44m	3.05m	3.66m	4.27m
11" (0.28m)	105	32	14	14	32	105		
8'6" (2.59m)	36	36	35	35	36	36		
9'6" (2.90m)	34	34	34	34	34	34		
10'6" (3.20m)	31	32	32	32	32	31		
11'6" (3.51m)	30	30	30	30	30	30		
12'6" (3.81m)	28	29	29	29	29	28		

### 1Lt, 2 Fixtures, 2 Walls, 14" (0.36m) from Ceiling

Distance From Ceiling	Distance from wall							
	0'	2'	4'	6'	8'	10'	12'	14'
	0	0.61m	1.22m	1.83m	2.44m	3.05m	3.66m	4.27m
14" (0.36m)	116	44	17	17	44	116		
8'6" (2.59m)	35	36	35	35	36	35		
9'6" (2.90m)	33	34	34	34	34	33		
10'6" (3.20m)	31	32	32	32	32	31		
11'6" (3.51m)	29	30	30	30	30	29		
12'6" (3.81m)	27	28	29	29	28	27		

### 1Lt, 1 Fixture, 1 Wall, 11" (0.28m) from Ceiling

Distance From Ceiling	Distance from wall							
	0'	2'	4'	6'	8'	10'	12'	14'
	0	0.61m	1.22m	1.83m	2.44m	3.05m	3.66m	4.27m
11" (0.28m)	100	27	8	6	5	5		
8'6" (2.59m)	26	24	20	15	12	10		
9'6" (2.90m)	23	22	18	15	12	10		
10'6" (3.20m)	21	20	17	15	12	10		
11'6" (3.51m)	19	18	16	14	12	10		
12'6" (3.81m)	18	17	15	14	12	10		

### 1Lt, 2 Fixtures, 1 Wall, 14" (0.36m) from Ceiling

Distance From Ceiling	Distance from wall							
	0'	2'	4'	6'	8'	10'	12'	14'
	0	0.61m	1.22m	1.83m	2.44m	3.05m	3.66m	4.27m
14" (0.36m)	111	39	10	7	5	5		
8'6" (2.59m)	25	23	20	16	12	10		
9'6" (2.90m)	23	21	18	15	12	10		
10'6" (3.20m)	20	19	17	15	12	10		
11'6" (3.51m)	19	18	16	14	12	10		
12'6" (3.81m)	17	17	15	13	12	10		

Maximum Candle Power: 1154 CD at 125°

Brightness ratio on vertical wall above fixture is:

1:1.5 when mounted 11" (0.28m) from ceiling;

1:1.7 when mounted 14" (0.36m) from ceiling.

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